

CENTRAL CORRIDOR HIGH-CAPACITY TRANSIT STUDY

Step 3: Sub-Corridor Evaluation Briefing

November 12, 2013

Urban Transportation Commission

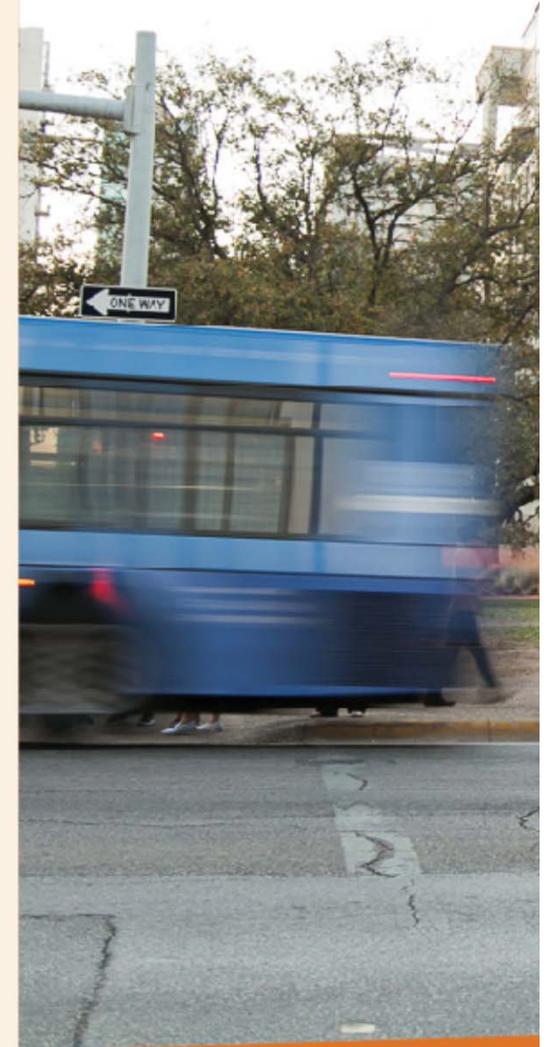


*project***connect**
central corridor

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Agenda

- 1) Work Plan & Schedule
- 2) Public Involvement Update
- 3) Sub-Corridor Evaluation
- 4) Next Steps



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Work Plan & Schedule

Decision-Making Process

- Phase 1: Select Priority Sub-Corridor

Current
Progress

				2013						2014								
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
Phase 1 Select Priority Sub-Corridor	Step 1: Kick-Off/Process	Task 1	Work Plan/Decision-Making Process															
	Step 2: Define Sub-Corridors	Task 2	Framework/History															
		Task 3	G&O/Problem Statement															
		Task 4	Methodology/Criteria															
		Task 5	Identify Sub-Corridors															
		Task 6	Define Sub-Corridors															
	Step 3: Select Priority Sub-Corridor	Task 7	Evaluate Sub-Corridors															
		Task 8	Select Priority Sub-Corridor															
			Decision							*								

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The Road to the Priority Sub-Corridor

CCAG Meetings

- November 1
 - Present Data (2 of 2)
 - Evaluation Process
 - *Public Comment*
- November 15
 - Evaluation Results
 - Project Team Recommendations
 - *Public Comment*
- December 6
 - *Public Comment*
 - CCAG Selection

Board & Council Briefings

- December 11
 - Capital Metro Board
- December 12
 - Austin City Council
- TBD
 - Lone Star Board

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Public Involvement Update

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Step 3 Public Involvement

- Three public workshops
 - Norris Conference Center (Anderson Lane) 11/5 –30+ participants
 - Faith United Methodist (South Lamar) 11/6 – 30+ participants
 - St. David’s Episcopal (Downtown) 11 /7– 50+ participants
- Webinar 11/6

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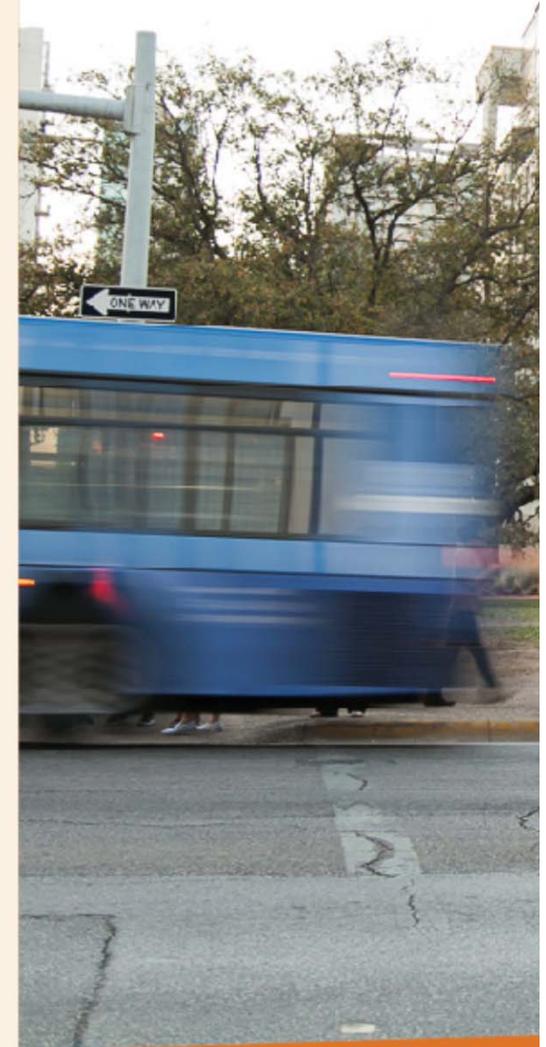
Step 3 Upcoming Public Engagement

- Online Survey/Evaluation Tool – beta live 11/8
- Stakeholder Group Briefings, including
 - 11/13 Hispanic Advocates Business Leaders of Austin
 - 11/19 UT Student Government Assembly
 - 11/19 Castlewood-Oak Valley Neighborhood Assn (COVNA)
 - 11/20 Downtown Commission
 - 12/4 Alliance for Public Transportation
- Televised Community Conversation – in development

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Comments

- Comments received via:
 - Social media
 - Email
 - Public meetings
- Listening log published online
- Project team reviews comments as received
- Comment responses as needed



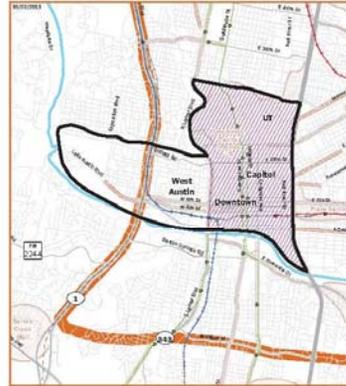
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Sub-Corridor Summaries

- Snapshots of pertinent information about each sub-corridor

Central Corridor High-Capacity Transit Study

WEST AUSTIN



FAST FACTS

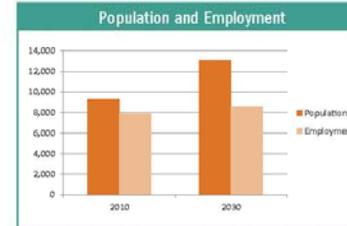
- Total area: 2.22 square miles
- Ann and Roy Butler Hike and Bike Trail
- Brackenridge Tract (currently UT student housing and Lions Municipal Golf Course) offers opportunity for redevelopment
- Major employers: LCRA, BBVA Compass, Home Away
- Amtrak station, Mopac managed lanes
- High congestion due to lack of non-arterial roads in the sub-corridor

System Accessibility	
Zero-Car Households (2010)	5.2%
Population Below Poverty Level (2010)	2.9%
Population over 65 (2010)	5.9%



TRANSIT RIDERSHIP

- Daily Boardings 1,355
- Number of Routes 12
- Number of Stops 57
- Daily MetroRail Boardings and Alightings NA



Central Corridor High-Capacity Transit Study



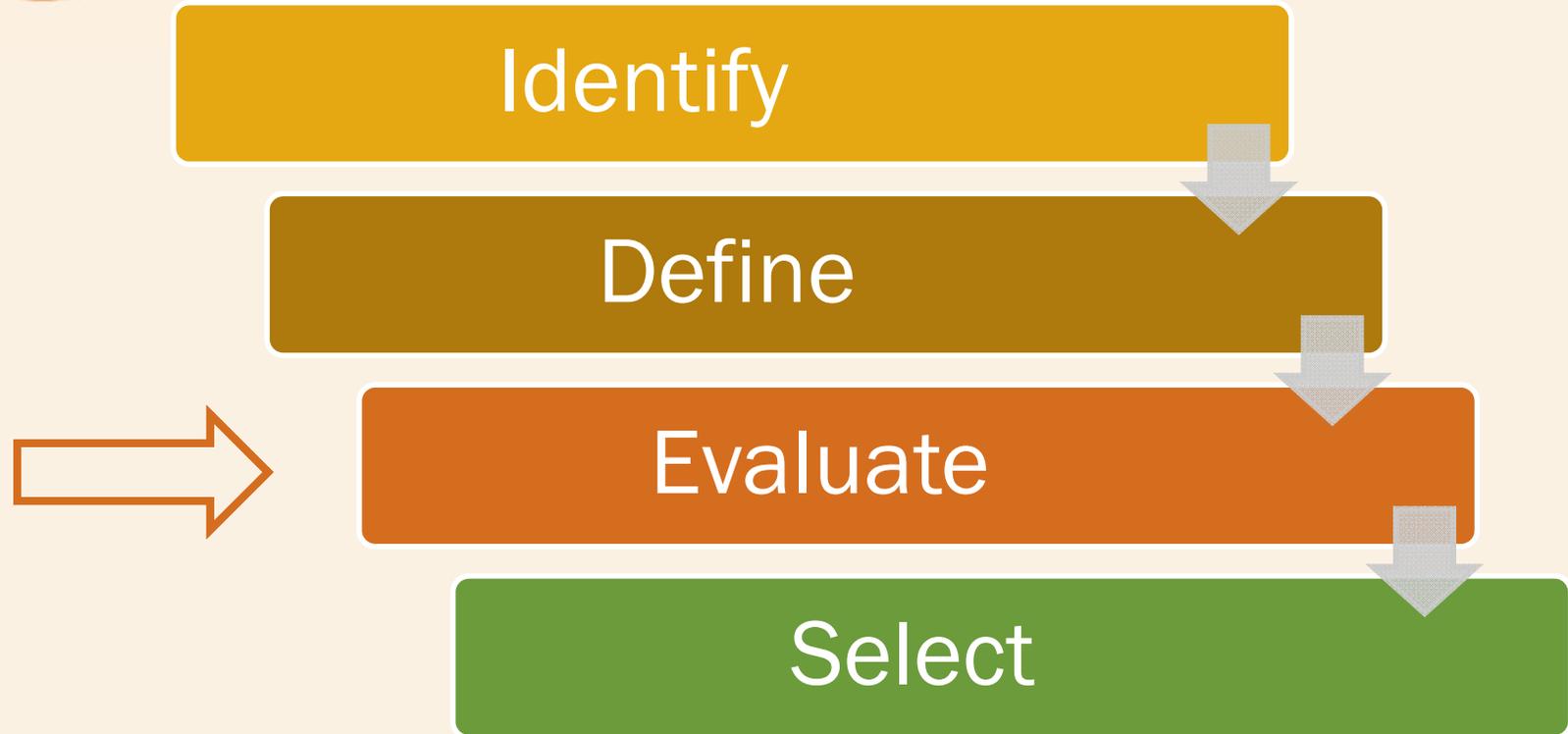
Imagine Austin Centers	
Imagine Austin Centers	0
Imagine Austin Corridors	2
Imagine Austin Corridors	3.37

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Sub-Corridor Evaluation

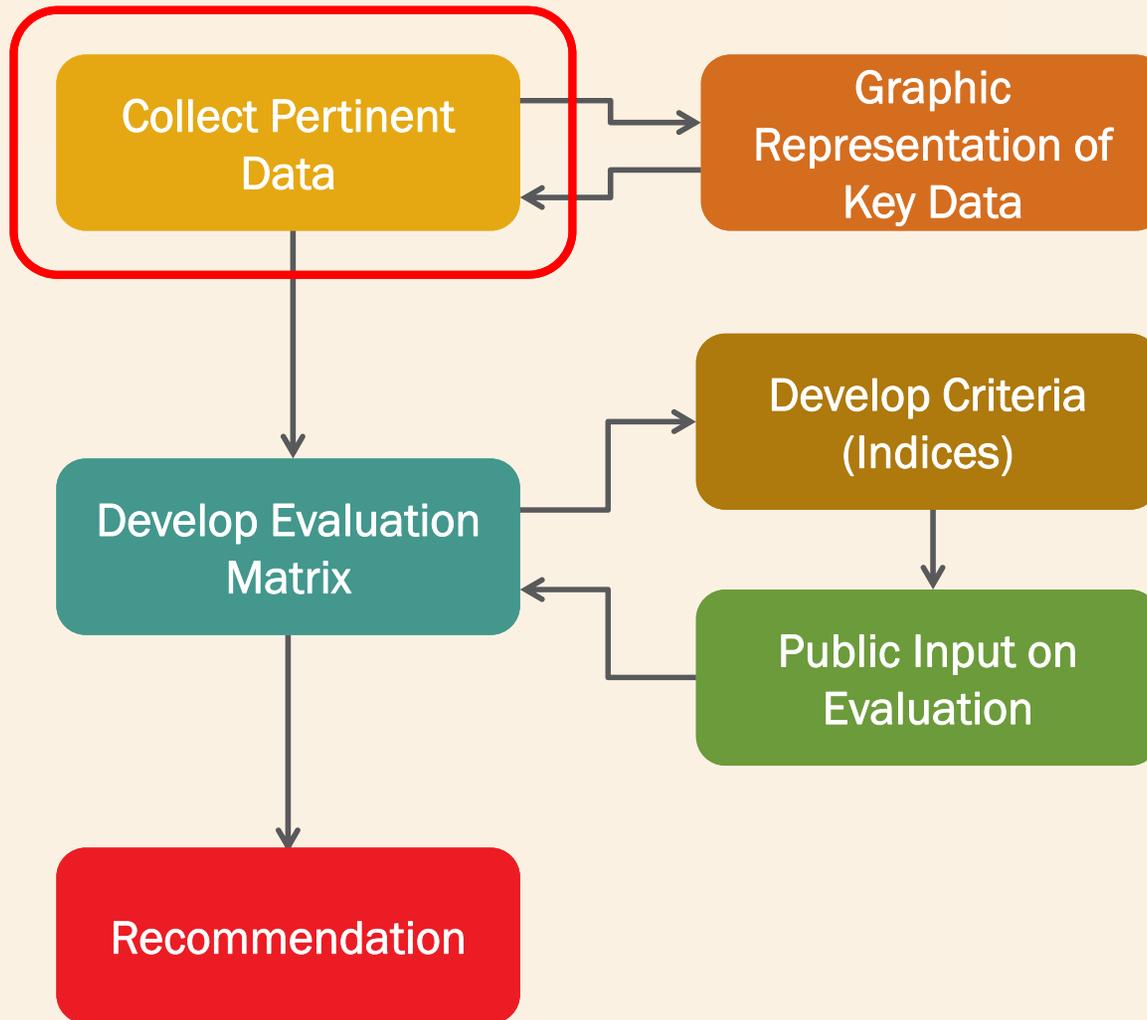
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Evaluation Process



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Evaluation Process



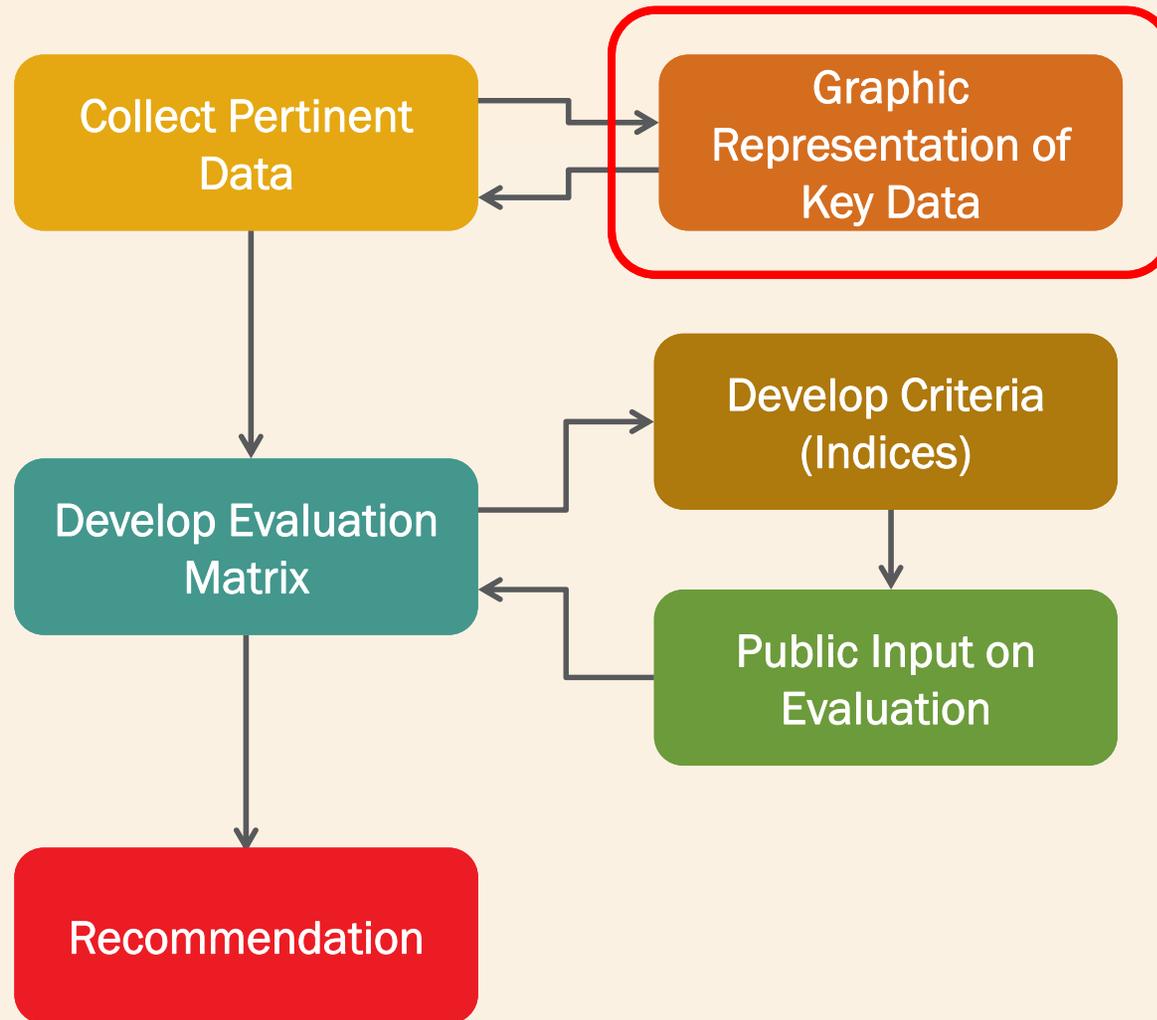
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Data Collection

- On-going
- Variety of readily available sources
 - Data “focused” on addressing Central Corridor problem statements
- CAMPO Model
 - Licensed non-conforming use
 - Updated demographics

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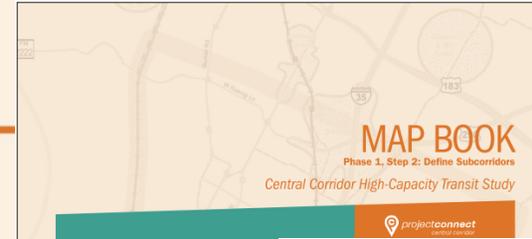
Evaluation Process



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Map Book

- ‘Working’ reference
- Used to define sub-corridors
- Foundation for evaluation
- Data table also provided
 - Data Dictionary
 - Quality Control on-going



Central Corridor High-Capacity Transit Study

EXECUTIVE SUMMARY

This Map Book is a data-driven foundation for the Central Corridor High-Capacity Transit (HCT) study. As shown in the Work Plan below, the first phase of the study will identify and define

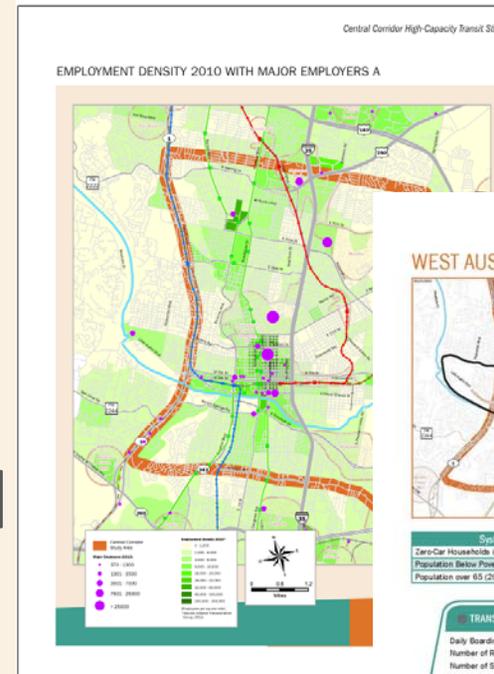
Definition of Sub-Corridor:
A defined geographic area with characteristics and facilities serving similar travel patterns.

compatible land use and major destinations. As this study advances and new and refined data becomes available, the information in this document will evolve.

The data presented herein was used to identify the problems in the Central Corridor and develop the goals and objectives of the HCT study. This information was evaluated to identify reasonable sub-corridors and define their boundaries according to the definition above. This information will assist in the subsequent comparative evaluation of the sub-corridors.

WORK PLAN

1. Work Plan/Decision-Making Process
2. Framework/History
3. G&O/Problem Statement
4. Methodology/Criteria
5. Identify Sub-Corridors
6. Define Sub-Corridors



WEST AUSTIN



FAST FACTS

- Total area: 2.22 square miles
- Ann and Roy Butler Hike and Bike Trail
- Blackberry Trail (formerly UT student housing and Lone Mountain Golf Course) offers opportunity for redevelopment!
- Major employers: LORA, BEVA Compass, Hille Realty
- Amtrak station. Major managed lanes
- High congestion due to lack of non-arterial roads in the sub-corridor

Total Households (2010) 5,191

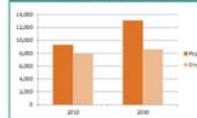
Total Affordable Housing Units (2010) 0

System Accessibility	
Zero-Car Households (2010)	0.2%
Population Below Poverty Level (2010)	2.9%
Population over 65 (2010)	5.9%



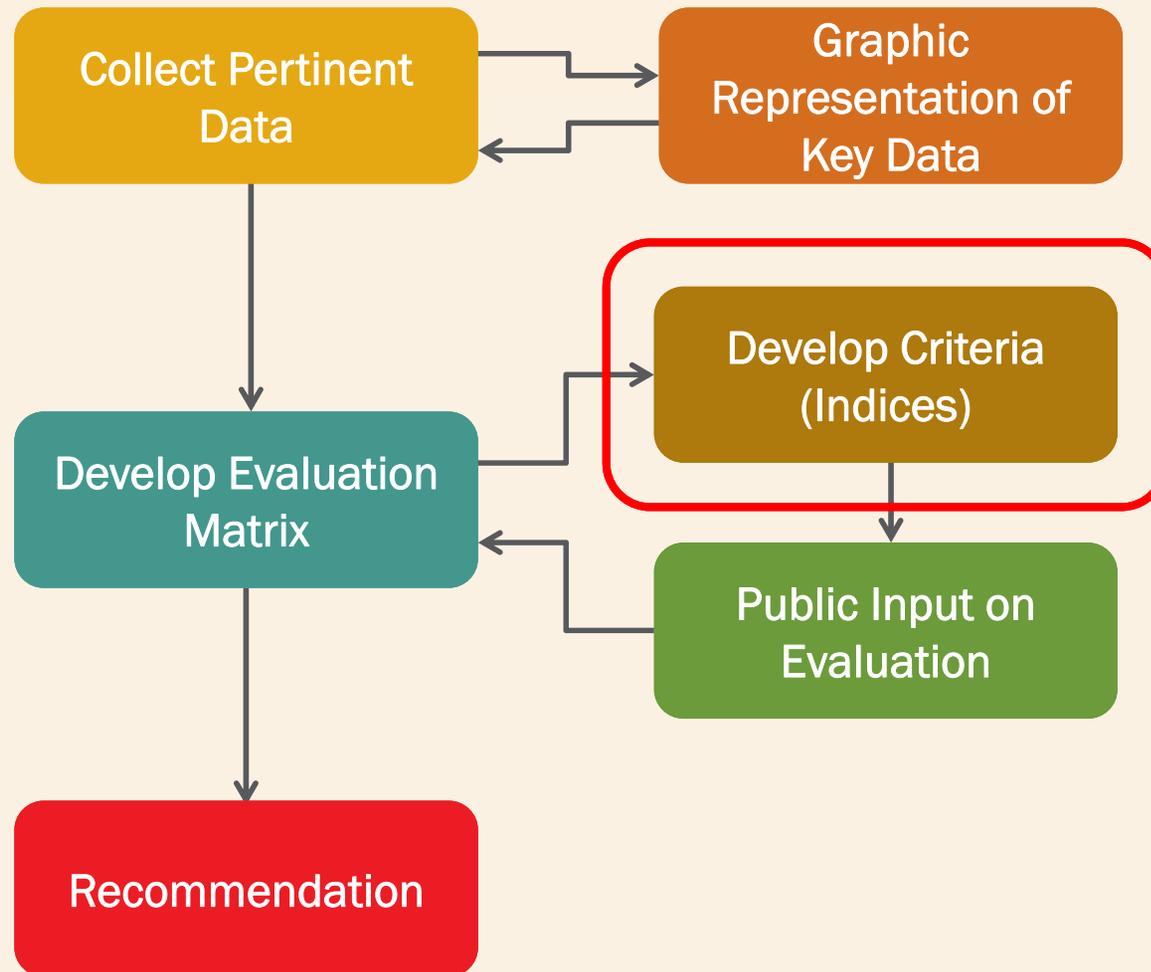
TRANSIT RIDERSHIP	
Daily Boardings	1,355
Number of Riders	12
Number of Stops	57
Daily MetroRail Boardings and Alightings	NA

Population and Employment



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Evaluation Process



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Evaluation Criteria Refinement

- Criteria have evolved
- Started with broad categories
 - Socioeconomic
 - Transportation
 - Centers
 - Social Equity
 - Other
- Sought input from public at open houses

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Evaluation Criteria Refinement

- Developed more detailed criteria
 - Using data
- Transitioned to index-based approach
 - What is an index?
 - Combination of data/measures to create a composite score
 - Benefits of indices
 - Measures that go together are scored together
 - Allow weighting factors to be applied

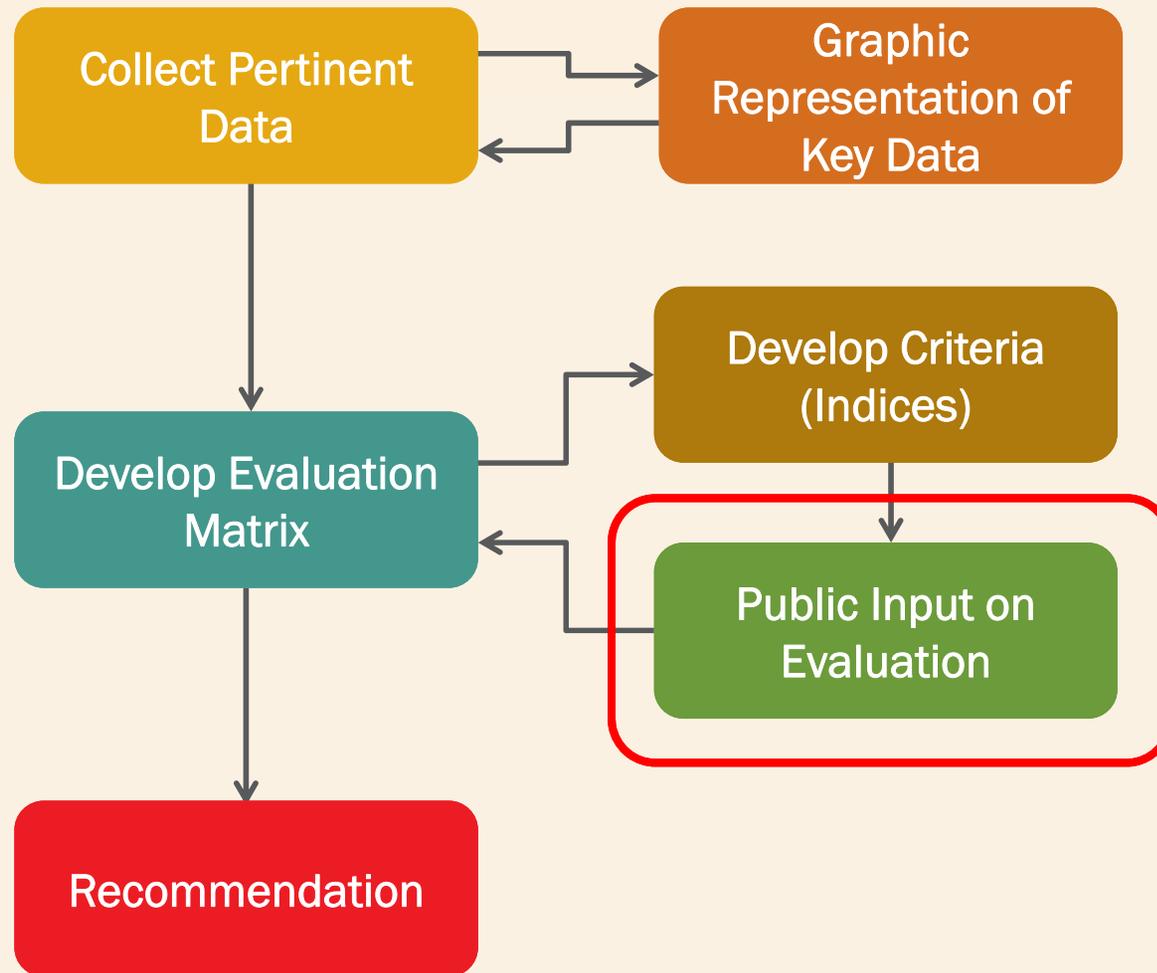
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Evaluation Criteria Guide - SAMPLE

PROBLEMS	CRITERIA	MEASURES
System	Ridership Potential	Transit Orientation Index
	Connectivity Index	Complementary HCT Connections (number of stops)
		Competitive HCT Overlap (number of stops)
	Transit Demand Index	Bus Route-Miles per lane mile
		Pedestrian and Bike Connectivity
		Transit Orientation Index 2010
		Existing Ridership - (avg. daily boardings per square mile)
	Affordability Index	Percent Poverty
		Percent Zero-car Households
		Percent Population Over 65
Household Transportation Costs		
Core	Economic Development Index	Percent Poverty
		Percent Zero-car Households
	Centers Index	Percent Population Over 65
		Increase in Jobs (per square mile)
Centers Index	Increase in Wages (per employee)	
	Net Revenue (per square mile)	
	Percent Area <i>Imagine Austin</i> Regional Centers	
Centers Index	Percent Area <i>Imagine Austin</i> Town Centers	
	Percent Length of <i>Imagine Austin</i> Corridors	

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Evaluation Process



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Public Input on Final Criteria

Congestion

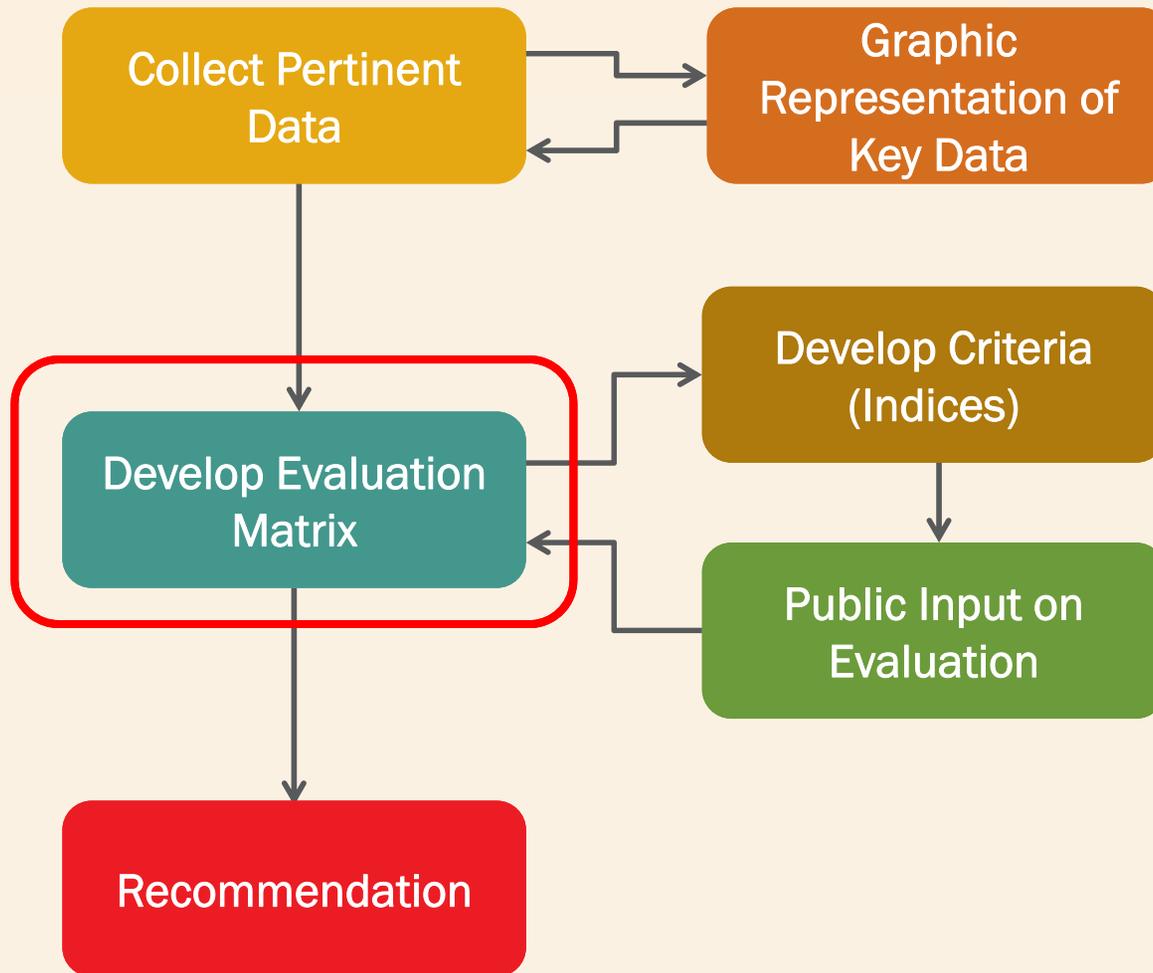
Problem: Excessive roadway congestion surrounding the core and lack of transportation alternatives make travel time to the Central Corridor unreliable.

- Congestion Index – **How congested is this sub-corridor?**
- Travel Demand Index – **How demand for travel is there from, within and through this sub-corridor?**

	Unimportant		Moderately Important		Very Important
Congestion Index	①	②	③	④	⑤
Demand Index	①	②	③	④	⑤

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Evaluation Process



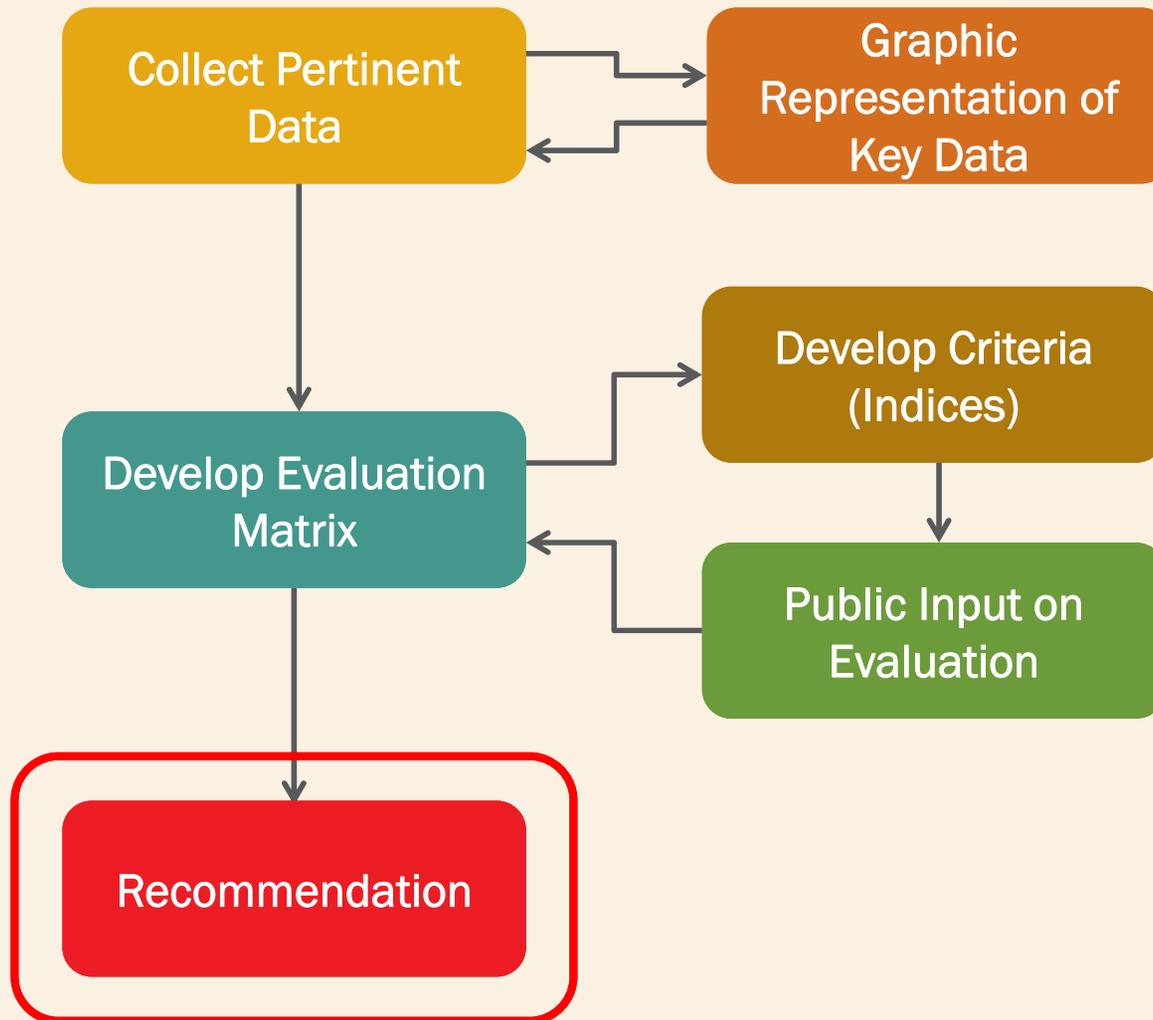
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Evaluation Matrix

		Sub-Corridor Results									
		"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"
Rank Score		6	8	5	1	4	9	3	2	7	10
Importance Rating (Choose 1 per Index)		0.44	0.35	0.46	0.64	0.48	0.34	0.49	0.61	0.37	0.24
Problem Statement	Congestion Reliability	Highly Disagree					Highly Agree				
		0.19	0.12	0.10	0.23	0.15	0.08	0.11	0.20	0.14	0.10
						x					
	Congestion Index	0.36	0.29	0.07	0.36	0.33	0.24	0.16	0.37	0.10	0.14
					x						
	Travel Demand Index	0.23	0.08	0.25	0.14	0.00	0.19	0.28	0.34	0.18	
						x					
	Constraints & Growth	0.07	0.03	0.10	0.11	0.09	0.07	0.09	0.09	0.05	0.02
					x						
	Growth Index	0.08	0.08	0.08	0.38	0.25	0.10	0.27	0.38	0.24	0.12
						x					
	Constraint Index	0.50	0.18	0.56	0.50	0.50	0.42	0.42	0.32	0.16	-
										x	
	Regional Core Vitality	0.01	0.01	0.01	0.01	0.02	0.03	0.04	0.02	0.02	0.01
									x		
Affordability Index	0.04	0.10	0.06	0.10	0.16	0.28	0.33	0.14	0.14	0.05	
						x					
Economic Development Index	-	-	-	-	-	-	-	-	-	-	
										x	
Strong Centers	0.03	0.04	0.07	0.06	0.08	0.08	0.10	0.07	0.06	0.03	
										x	
Centers Index	0.12	0.09	0.21	0.29	0.31	0.29	0.34	0.45	0.30	0.24	
						x					

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Evaluation Process



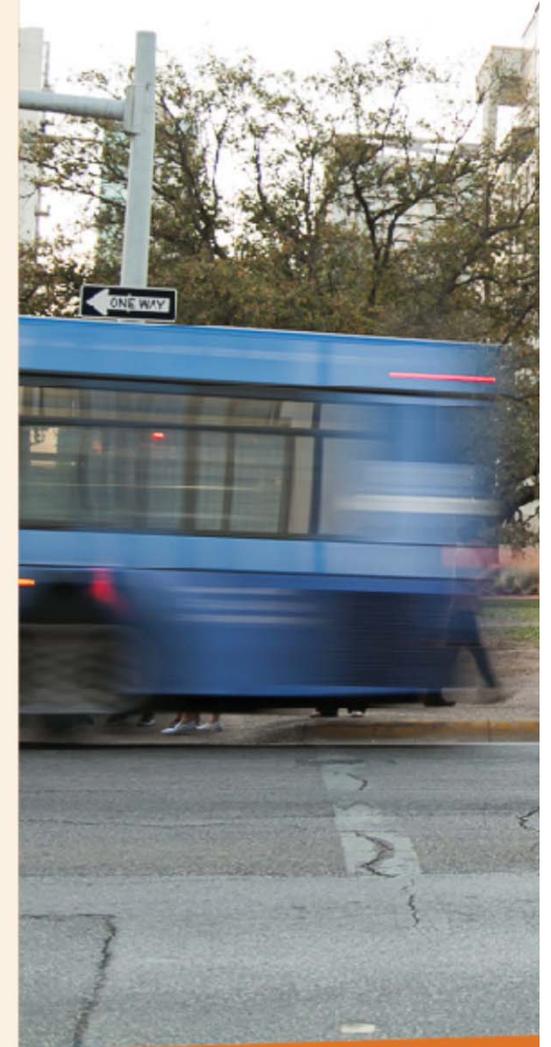
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Next Steps

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Next Steps

- Finalize evaluation
 - Analyze, compare, check sensitivity
- Prepare recommendation
- Begin priority sub-corridor selection



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The Road to the Priority Sub-Corridor

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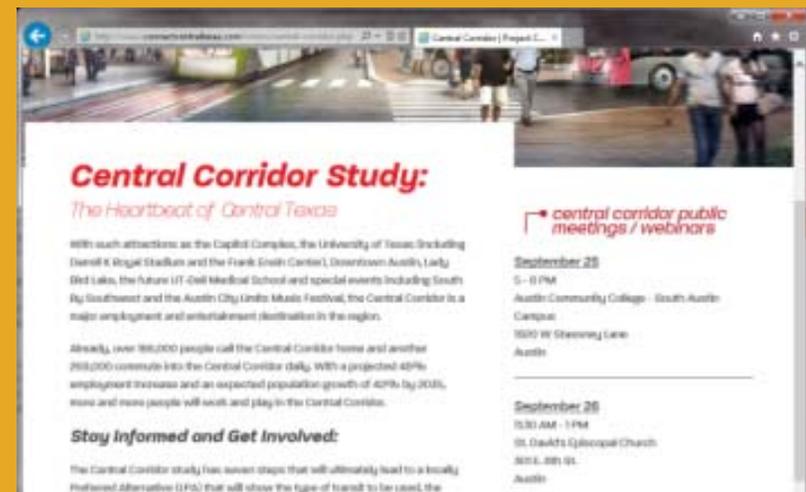
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THANK YOU

More Information:

Project Connect &
Central Corridor HCT Study

projectconnect.com



projectconnect
central corridor